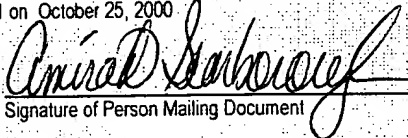# VOICE PROCESSING SYSTEM

ABSTRACT OF THE DISCLOSURE

A voice processing system includes a speech recognition facility with barge-in. The system plays out a prompt to a caller, who starts to provide their spoken response while the prompt is still being played out. The system performs speech recognition on this response to determine a corresponding text, which is then subjected to lexical analysis. This tests whether the text satisfies one or more conditions, for example, including one or more words from a predefined set of task words. If this is found to be the case, the playing out of the prompt is terminated (i.e. barge-in is effected); otherwise, the playing out of the prompt is continued, essentially as if the caller had not interrupted.

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